

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

July 5, 2010

Serial No. 10/523,538
Applicant: Sunagawa, et al.
Filed: February 3, 2005
Title: ULTRA MINIATURE INTEGRATED CARDIAC
PACEMAKER AND DISTRIBUTED CARDIAC
PACING SYSTEM
Art Unit: 3762
Examiner: Kahelin, Michael William
Confirmation Number: 7543
Attorney Docket No.: KUP-6

HONORABLE COMMISSIONER OF PATENTS

Alexandria, VA 22313-1450

**AMENDMENT
AND RESPONSE TO OFFICE ACTION**

In response to the Office Action dated April 7, 2010, please amend the above-identified application as follows:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/ Arguments begin on page 5 of this paper.